WPTLED12/D10/PC2/LC

RAB LIGHTING

Project:	Type:
Prepared By:	**Date:**

Driver Info

Type:	Constant Current
120V:	0.108A
208V:	0.068A
240V:	0.059A
277V:	0.053A
Input Watts:	13W
Efficiency:	89%

LED Info

Watts:	12W
Color Temp:	5000K (Cool)
Color Accuracy:	74 CRI
L70 Lifespan:	100000
Lumens:	1371
Efficacy:	102 LPW

High performance LED tallpack. Covers footprint of most HID Tallpacks. Vandal resistant lens. Precision die-cast aluminum. 0-10V dimmable driver with 120-277V photocell. Includes built in support for Lightcloud, a wireless lighting control system and service, fully developed by RAB.

Color: Bronze   Weight: 8.5 lbs

Technical Specifications

Lightcloud

Lightcloud Controller Installed:

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel.

Listings

UL Listing:

Suitable for wet locations. Wall mount only.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

LEDs:

Long-life, high-efficacy surface mount LEDs

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Electrical

Drivers:

Constant Current, Class 2, 300mA, 100-277V, 50-60Hz, 120V: 0.108A, 208V: 0.068A, 240V: 0.059A, 277V: 0.053A, Surge Protection: 6kV

Power Factor:

98.6% at 120V, 90.8% at 277V

THD:

13.6% at 120V, 14.4% at 277V

Dimming Driver:

0-10V dimming driver standard for ultimate flexibility. Use as on/off or utilize the 0-10V DC dimming circuit for controls.

Photocell:

Photocell is rated for 120V thru 277V. To disable, simply use the provide silicone rubber cap and cover.

Optical

BUG Rating:

B0 U3 G2

Construction

Ambient Temperature:

Suitable for -40°C (-40°F) to 40°C (104°F) ambient temperatures

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Thermal Management:

Superior thermal management with die-cast aluminum heatsink

Housing:

Precision die-cast aluminum

Refractor Lens:

High-impact, diffuse, UV-stabilized polycarbonate

Mounting:

Three (3) 1/2" NPS conduit entry points (2 sides for through-feed, and bottom), and drilling template for easy wall box mounting

Reflector:

High-gloss white aluminum

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals.

Other
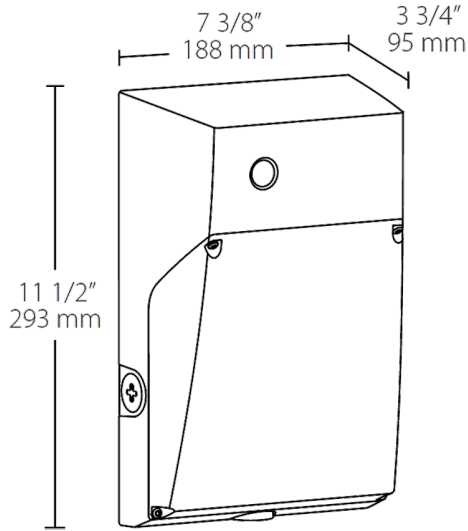
Equivalency:

Equivalent to 50W Metal Halide/35W HPS

Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at

Patents:

The design of WPTLED is protected by patents pending in US, Canada, China, Taiwan and Mexico

Need help? Tech help line: **(888) RAB-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**   Page 1 of 2

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Dimensions

7 3/8"
188 mm

3 3/4"
95 mm

11 1/2"
293 mm

Features

Covers footprints of most HID tallpacks

0-10V dimmable driver & 120 - 277V photocell

Vandal-resistant lens

100,000-Hour LED lifespan

Built in support Lightcloud™

Easy setup - simply power on, confirm device connectivity and call 844-LIGHTCLOUD

Ordering Matrix

Family	Wattage	Color Temp	Finish	Dimming	Photocell	Lightcloud	Other Options
WPTLED	12	^	^	/D10	/PC2	/LC	^

	40 = 40W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**/D10** = Dimmable	**/PC2** = 120-277V Photocell	**Blank** = No Lightcloud	**USA** = BAA Compliant
	25 = 25W	**Y** = 3000K (Warm)	**W** = White			**/LC** = Lightcloud Controller	**Blank** = Standard
	12 = 12W	**N** = 4000K (Neutral)					